

# BLOW MOLDED BOTTLES FOR FOOD PACKAGING

## SABIC

### SABIC® HDPE POLYMERS

#### INDUSTRY CHALLENGE

Bottles used for food packaging applications require good purity, organoleptic property and recyclability. Any weight reduction of these bottles through down gauging may offer manufacturers opportunities in total cost reduction, reduced plastic material usage as well as the transportation cost.

#### SABIC SOLUTION

SABIC offers a comprehensive portfolio of SABIC® HDPE polymers in mono-, bi- and multi-modal range for blow-molding. Strong environmental stress-cracking resistance (ESCR) with thin wall thickness enables weight reduction. Good flow behavior, which will enable for shorter cycle times leading to higher productivity. Good mechanical properties resulting in outstanding top load performance for high stack ability, leading to lower transport and storage costs. These material can be fully recycled. They are also available as certified renewable grades from SABIC's TRUCIRCLE™ portfolio that is made with second-generation bio-based feedstock, supporting to reduce CO2 emissions.



COMPLIANCE WITH  
FOOD SAFETY



LIGHT WEIGHTING



WEIGHT SAVING



PROCESSABILITY



[CLICK HERE](#) FOR MORE INFORMATION

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The certified products from SABIC's TRUCIRCLE portfolio are being produced through implementation of a mass balance accounting system and they are accredited under the International Sustainability and Carbon Certification Plus (ISCC) scheme.

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